

ABSTRACT

A safe movement support apparatus includes an environmental three-dimensional information acquisition unit 1 for acquiring environmental three-dimensional information corresponding to a state of an actual object within a virtual space surrounding a moving body or an assumed movement track relating the moving body with a prescribed finite expanse; a moving body state information acquisition unit 2 for acquiring moving body state information relating to the moving body; and a safe movement-enabled space calculation unit 3 for calculating a safe movement-enabled space which is a virtual space with a finite expanse in which the moving body is presumed to be movable safely, based on the environmental three dimensional information obtained from the environmental three-dimensional information acquisition unit and moving body state information obtained from the moving body state information acquisition unit.